



VITCON 100 AR

Air Entraining Admixture

DESCRIPTION

VITCON 100 AR is a synthetic dispersion of resin polymers, which entrain air bubbles in the concrete in minute forms. The homogeneous dispersion of these minute air bubbles in the concrete medium act as filler materials in concrete mixes reducing segregation in concrete. Moreover air bubbles interrupt the capillary system in concrete matrix resulting in resistance against freeze-thaw cycles.

ADVANTAGES

- ✓ Ideal for mass concrete.
- ✓ Reduces segregation and bleeding.
- ✓ Resists freeze and thaw cycles.
- ✓ Enhances workability.
- ✓ Improves permeability of concrete.

USAGE

VITCON 100 AR is generally dosed in between 0.02 % and 0.5 % by weight of cement depending on requisite air content, climatic conditions and mixing procedures. **VITCON 100 AR** is compatible with **VITCON** range of super plasticizers. For usage with other admixtures, it is always advised to carry out compatibility test before finalizing the dosage.

APPLICATION

VITCON 100 AR is normally added to the gauging water in concrete. Addition of **VITCON 100 AR** in concrete enables to achieve a better consistency reducing segregation and bleeding. **VITCON 100 AR** also increases the workability of concrete at a constant W/C ratio.



SPECIFICATIONS

Appearance	: Colourless liquid
Relative Density	: 1.05 ± 0.02
pH Value	: >7
Packing	: 100 / 250 Kg carbuoy
Storage	: Under shade
Shelf Life	: 12 months

PACKAGING

VITCON 100 AR is available in 100 / 250 Kg. Drums.

SAFETY

VITCON 100 AR is non-toxic. However, any splash on the body must be washed with plenty of water.